

Attorney Docket **056707-5001-US**
Application No. 09/257,188
Page 2

Amendments to the Claims:

This listing of claims will replace all prior versions and listings of claims in the application.

Please cancel claims 1-25, 27-51 and 60-95 without prejudice or disclaimer.

Please add new claims 96-106 as follows:

Claims 1-95 (canceled).

Claim 96 (new): A method for inducing an antigen specific immune response in a subject comprising:

- a. pretreating an area of the skin of said subject; and
- b. applying a formulation to said pretreated area, wherein said formulation comprises:
 - 1) at least one antigen sufficient to induce an antigen-specific immune response against a pathogen,
 - 2) at least one adjuvant present in an amount effective to induce said immune response to said at least one antigen; and,
 - 3) a pharmaceutically acceptable carrier, wherein said pretreating enhances skin penetration by said formulation and thereby induces said immune response, wherein said pretreating is selected from the group consisting of direct application to said skin, rubbing, swabbing, applying a depilatory agent, applying a keratinolytic formulation, shaving, tape stripping, abrading and a combination thereof.

Claim 97 (new): The method of claim 96, wherein said swabbing comprises a swab comprising a material selected from the group consisting of cotton, nylon, wool and combinations thereof.

Claim 98 (new): The method of claim 97, wherein said swab further comprises an alcohol, a composition comprising an alcohol, acetone, a composition comprising acetone, a

Attorney Docket **056707-5001-US**
Application No. **09/257,188**
Page 3

detergent or a detergent solution.

Claim 99 (new): The method of claim 96 wherein said pretreating comprises applying a detergent or a detergent solution to said pretreated area.

Claim 100 (new): The method of claim 96, wherein said antigen is derived from a pathogen selected from the group consisting of virus, bacteria, fungus and parasite.

Claim 101 (new): The method of claim 96, wherein said antigen is derived from an influenza virus.

Claim 102 (new): The method of claim 101, wherein said antigen is hemagglutinin A.

Claim 103 (new): The method of claim 96, wherein said antigen is derived from a bacteria.

Claim 104 (new): The method of claim 103, wherein said antigen is *E. coli* heat-labile enterotoxin (LT).

Claim 105 (new): The method of claim 96, further comprising a carrier, wherein said carrier is a patch.

Claim 106 (new): The method of claim 103, wherein said patch is selected from the group consisting of an occlusive dressing, a nonocclusive dressing, a hydrogel dressing and a reservoir dressing.